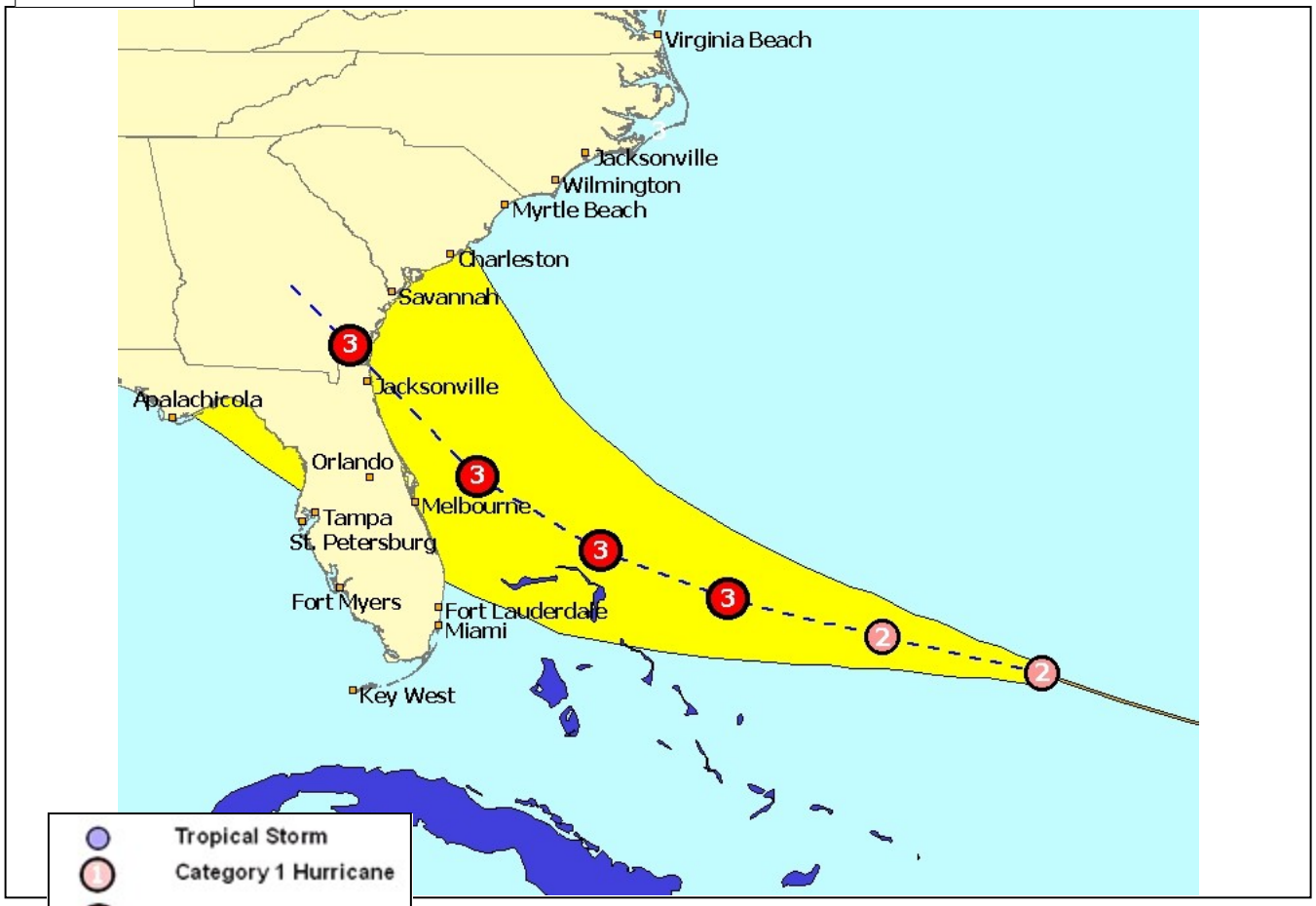
Hurricane Dave 2008 Model Results

Landfall Expected Within *3* Days

For Planning Purposes Only!



Information provided on the following page displays four possible Category 3 landfall scenarios within the error cone provided by the National Hurricane Center (NHC). These projections are based on information from the NHC updated forecast.

Details about the USACE Mission Models may be obtained at http://www.englink.usace.army.mil or contact Louisville District staff via email at DLL-CELRL-GIS@usace.army.mil

US Army Corps of Engineers
All Rights Reserved

US Army Corps of Engineers

ricane Dave 2008 3-Day Model

Generated By: Terry Siemsen
Generated Date: 1330 EDT 04/09/2008

Sources:
HURREVAC
LRL-DEBRIS

Hurricane Dave 2008 Model Results

Landfall Expected Within *3* Days

Values Provided For Planning Purposes

For Planning Purposes Only!

		Ice/Water Commodities - Trucks/Distribution Lanes Ramp-up (Number of Trucks Each Commodity and Lanes Anticipated - end of each day)					
					Commodity Trucks	Within Hurricane Force Winds	
	Debris (cu yds)	Day One (25%)*	Day Two (50%)*	Day Three (100%)*	Day 1-3 Total	Population	Households
Charleston SC Track							
South Carolina	17,000,000	18	35	70	123	750,000	280,000
Total	**17,000,000**	**18**	**35**	**70**	**123**	**750,000**	**280,000**
Savannah GA Track							
Georgia	9,000,000	12	23	45	80	450,000	175,000
South Carolina	1,000,000	2	3	5	10	50,000	20,000
Total	**10,000,000**	**14**	**26**	**50**	**90**	**500,000**	**195,000**
Jacksonville FL Track							
Florida	13,000,000	50	90	90	230	1,100,000	425,000
Georgia	300,000	2	4	8	14	50,000	16,000
Total	**13,300,000**	**52**	**94**	**98**	**244**	**1,150,000**	**441,000**
Melbourne FL Track							
Florida	12,000,000	50	100	104	254	1,200,000	500,000
Total	**12,000,000**	**50**	**100**	**104**	**254**	**1,200,000**	**500,000**

Key assumption is that establishment of distribution lanes will be the limiting factor.

* Assumption is that States/locals (FL is the * exception) will have the capability to establish about 25% of needed distribution lanes in the first 24 hours post-landfall, about 50% of needed distribution lanes in the first 48 hours after landfall, and all needed lanes by 72 hours post landfall. Florida, due to past experience, estimates they can establish up to 50 distribution lanes per day.

US Army Corps of Engineers
All Rights Reserved

Information provided on the following pages display four possible Category 3 landfall scenarios within the error cone provided by the National Hurricane Center. These projections are based on information from the NHC updated forecast.

US Army Corps of Engineers

ricane Dave 2008 3-Day Model

Generated By: Terry Siemsen
Generated Date: 1330 EDT 04/09/2008

Sources:
HURREVAC
LRL-DEBRIS